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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/515,582	02/29/2000	Roland Buelow	A-63708-5/RFT/JJD	9803

7590 11/15/2004

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EXAMINER

LI, QIAN JANICE

ART UNIT

PAPER NUMBER

1632

DATE MAILED: 11/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Substitute PTO/SB/A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/616,582
		Filing Date	02/29/2000
		First Named Inventor	Buelow, R.
		Group Art Unit	1632
		Examiner Name	LI, Q. J.
Sheet 1 of 2	Attorney Docket Number	A-83708-8/TAL/CYO	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document Number/Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	A2				
	A3				
	A4				
	A5				
	A6				
	A7				
	A8				
	A9				

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document Country Code ² Number/Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the book (when appropriate), journal, series, symposium, colloq. etc., date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	C1	Evans, C-O et al., "Cloning and sequencing and expression of cDNA for chick liver heme oxygenase: comparison of avian and mammalian cDNAs and deduced protein," <i>Biochem J.</i> 273:658-666 (1991).			
	C2	Yoshida, et al., "Human heme oxygenase cDNA and induction of its mRNA by heme," <i>Eur. J. Biochem.</i> 171:457-461 (1988).			
	C3	Ishikawa, K. et al., "Expression of rat heme oxygenase in <i>Escherichia coli</i> as a catalytically active, full length form that binds to bacterial membranes," <i>Eur. J. Biochem.</i> 202:161-165 (1991).			
	C4	Schmitt, M.P., Utilization of Host Iron Sources by <i>Corynebacterium diphtheriae</i> : Identification of a Gene Whose Product is Homologous to Eukaryotic Heme Oxygenases and is Required for Acquisition of Iron from Heme and Hemoglobin," <i>J. Bact.</i> 178(5):838-845 (1997).			
	C5	Rotenberg, M.O. et al., "Characterization of a cDNA-encoding Rabbit Brain Heme Oxygenase-2 and Identification of a Conserved Domain among Mammalian Heme Oxygenase Isozymes: Possible Heme-Binding Site," <i>Archives Biochem. Biophys.</i> 280(2) 338-344 (1991).			

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		Filing Date	02/28/2000
		First Named Inventor	Bualow, R.
		Group Art Unit	1832
		Examiner Name	L. Q. J.
Sheet	2	of	2
		Attorney Docket Number	A-63708-S/TALICYO

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	C8	Wilks, A. et al., "Rat Liver Heme Oxygenase: High Level Expression of a Truncated Soluble Form and Nature of the Meso-Hydroxylating Species," <i>J. Biol. Chem.</i> 268:22387-92 (1993)	
	C7	Schuller, D.J. "Crystal structure of heme oxygenase-1," <i>Nature Struct. Biol.</i> 6(9):850-857 (1999).	
	C8	Omata, Y. et al., "Crystallization and preliminary X-ray diffraction studies on the water soluble form of rat heme oxygenase-1 in complex with heme," <i>Acta. Cryst.</i> D34:1017-1019 (1998).	
	C9	Hegazy, K.A. et al., "Functional human heme oxygenase has a neuroprotective effect on adult rat ganglion cells after pressure induced ischemia," <i>Regeneration and Transplantation</i> 11(5):1185-1189 (2000)	
	C10	Melo, L.G. et al., "Gene Therapy Strategy for Long-Term Myocardial Protection Using Adeno-Associated Virus Mediated Delivery of Heme Oxygenase Gene," <i>Circulation</i> 105:802-807 (2002)	
	C11	Juan, S-H. et al., "Adenovirus-Mediated Heme Oxygenase-1 Gene Transfer Inhibits the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice," <i>Circulation</i> 104:1519-1525 (2001).	
	C12	Lee, P.J. et al., "Overexpression of heme oxygenase-1 in human pulmonary epithelial cells results in cell growth arrest and increased resistance to hyperoxia," <i>Proc. Natl. Acad. Sci. USA</i> 93:10393-10398 (1996).	
	C13	Hori, R. et al., "Gene Transfection of H2SA Mutant Heme Oxygenase-1 Protects Cells against Hyperoxia-Induced Cytotoxicity," <i>J. Biol. Chem.</i> 277(12):10712-10718 (2002).	
	C14		
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